

SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Page 1 of 1

2060.0010005/EKS/HCC/M	М

APPLICATION NO. 09/017,743

APPLICANT

Sette et al.

FILING DATE February 3, 1998

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Page 1 of 26 ATTY. DOCKET NO. APPLICATION NO. 2060.0010005/EKS/HCC/M-M 09/017,743 FORM PTO-1449 APPLICANT SETTE et al. SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT FILING DATE GROUP February 3, 1998 1644 U.S. PATENT DOCUMENTS EXAMINER INITIAL DOCUMENT DATE NAME .. CLASS SUB-FILING DATE NUMBER CLASS AA1 5,028,425 07/02/1991 Good et al. 07/07/1988 AB1 5,200,320 04/06/1993 Sette et al. 12/07/1987 08/30/1994 AC1 5,342,774 Boon et al. 12/12/1991 AD1 5,405,940 04/11/1995 Boon et al. 08/31/1992 5,580,859 AE1 12/03/1996 Felgner et al. 03/18/1994 5,840,313 AF1 11/24/1998 Vahlne et al. 06/20/1995 HUEMAHY AG АН DEC 0 8 2002 ΑI AJ AK FOREIGN PATENT DOCUMENTS EXAMINER INITIAL DOCUMENT DATE COUNTRY CLASS SUB-TRANSLATION NUMBER CLASS EP 0 346 022 12/13/1989 Europe Yes AT.1 Α1 No WO 92/02543 02/20/1992 WIPO Yes AM1 Α1 No WO 92/21033 *X*1/26/1992 WIPO Yes AN1 **A**1 WO 94/05304 03/17/1994 WIPO Yes A01 A1 No WO 95/04542 02/16/1995 WIPO Yes AP1 A1 2 No OTHER (Including Author, Title, Date, Pertinent Pages, etc.) Aichele, P., et al., "Antiviral cytotoxic T celd response induced by in vivo AR priming with a free synthetic peptide," J. Exp. Med. 171:1815-1820, Rockefeller 1 University Press (1990) Barber, L.D., et al., "Overlap in the repertoires of peptides bound in vivo by a AS 1 group of related class I HLA-B allotypes," Curr. Biol. 5:179-190, Current Biology, Ltd. (February 1995) Berke, G., "The Functions and Mechanisms of Action of Cytolytic Lymphocytes," in Fundamental Immunology, 3rd edition, Paul, W.E., ed., Raven Press, New York, NY, pp. 976-978 (November 1993) AТ 1 EXAMINER DATE CONSIDERED

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APPLICATION NO. 09/017,743

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

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	Robson, K.J.H., et al., "A highly conserved amino-acid sequence in thrombospondin, properdin and in proteins from sporozoites and blood stages of a human malaria parasite" Nature 335:79-82, Macmillan Publishers, Ltd. (1988)							stages of a . (1988)	
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ATTY. DOCKET NO. 2060.0010005/EKS/HCC/M-M APPLICATION NO. 09/017,743

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

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	AS	20	Urban, J Variant (1989)	.L., et al., Peptide Epit	"Autoimmune T Cel opes and Peptide-B	ls: Immune Reco	gnition Cell 59	of Normal:257-271,	. and Cell Press
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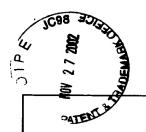
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ATTY. DOCKET NO.
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	AS	22	Zakut, R., et al., "Differential Expression of MAGE-1, -2, and -3 Messenger RNA in Transformed and Normal Human Cell Lines," Cancer Res. 53:5-8 American Association for Cancer Research (January 1993)								
	АТ	22	Zakut-Houri, R., et al., "Human p53 cellular tumor antigen: cDNA sequence and expression in COS cells," EMBO J. 4:1251-1255, IRL Press, Ltd. (1985)								
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mP	AR	Del Val, M., et al., "Efficient Processing of an Antigenic Sequence for Presentation by MHC Class I Molecules Depends on Its Neighboring Residues in the Protein," Cell 66:1145-1153, Cell Press (1991) Eisenlohr, L.C., et al., "Flanking Sequences Influence the Presentation of an								
- M	AS	<u>24</u>	175:481- Guo, H their en	C., et al., ds but bulge	rized Peptide to Cytokefeller University "Different length per cout in the middle,	y Press (199	92) and to HLA-A	w68 simila	arly at	
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Page 25 of 26 ATTY. DOCKET NO. APPLICATION NO. 2060.0010005/EKS/HCC/M-M 09/017,743 FORM PTO-1449 APPLICANT SETTE et al. SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT GROUP FILING DATE 1644 February 3, 1998 U.S. PATENT DOCUMENTS EXAMINER DATE NAME CLASS SUB-FILING DATE INITIAL DOCUMENT NUMBER CLASS AΑ AΒ AC ΑD ΑE AF AG AΗ ΑI ΑJ FOREIGN PATENT DOCUMENTS EXAMINER INITIAL DOCUMENT DATE COUNTRY CLASS SUB-TRANSLATION NUMBER CLASS Yes No AΜ No Yes ΑN No Yes ΑO No Yes No OTHER (Including Author, Title, Date, Pertinent Pages, etc.) Karin, N., et al., "Reversal of Experimental Autoimmune Encephalomyelitis by a Soluble Peptide Variant of a Myelin Basic Protein Epitope: T Cells Receptor AR <u>25</u> Antagonism and Reduction of Interferon γ an Tumor Necrosis Factor α Production,"

J. Exp. Med. 180:2227-22237, Rockefeller University Press (December 1994)

Ochoa-Garay, J., et al., "The ability of peptides to induce cytotoxic T cells in vitro does not strongly correlate with their affinity for the H-2Ld molecule:

vitro does not strongly correlate with their affinity for the H-2Ld molecule: implications for vaccine design and immunotherapy, " Mol. Immunol. 34:273-281, Elsevier Science, Ltd. (Fébruary 1997)

Sidney, J., et al., "Specificity and Degeneracy in Peptide Binding to HLA-B7-Like Class I Molecules" J. Immunol. 157:3480-3490, American Association of Immunologists (October 1996)

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

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ATTY. DOCKET NO. APPLICATION NO. 2060.0010005/EKS/HCC/M-M 09/017,743

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MD	OTHER (Including Author, Title, Date, Pertinent Pages, etc.) Yewdell, J.W., et al., "Cell Biology of Antigen Processing and Presentation to Major Histocompatibility Complex Class I Molecule-Restricted T Lymphocytes," Ac Immunol. 52:1-123, Academic Press, Inc. (1992)									
NO	AS	Co-pending U.S. Application No. 08/344,824, Sette, A., et al., filed Novembe 1994, NOT PUBLISHED.								November 23,
M	AT 26 Co-pending U.S. Application No.08/452,843, Sette, A. and Sidney, J., filed May 30, 1995, NOT PUBLISHED.									
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